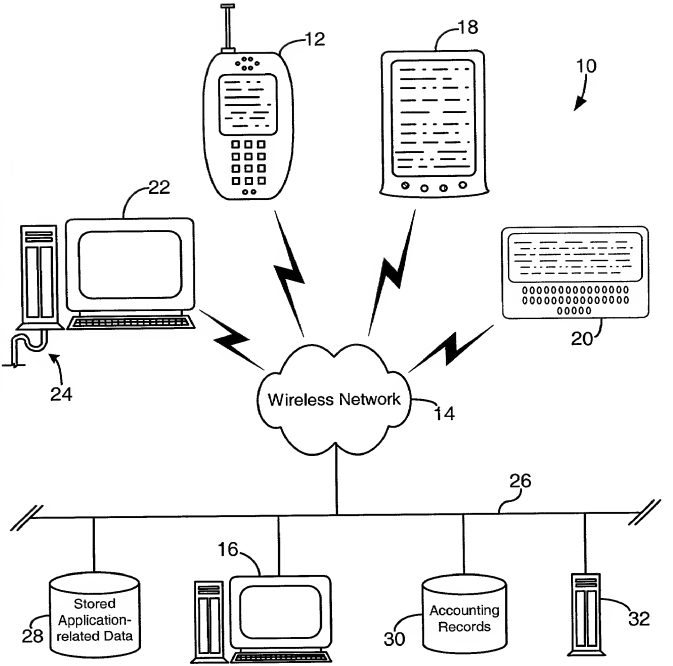
12
18
10
22
20
24
Wireless Network
14
26
16
Stored Application-related Data
28
Accounting Records
30
32

Fig. 1

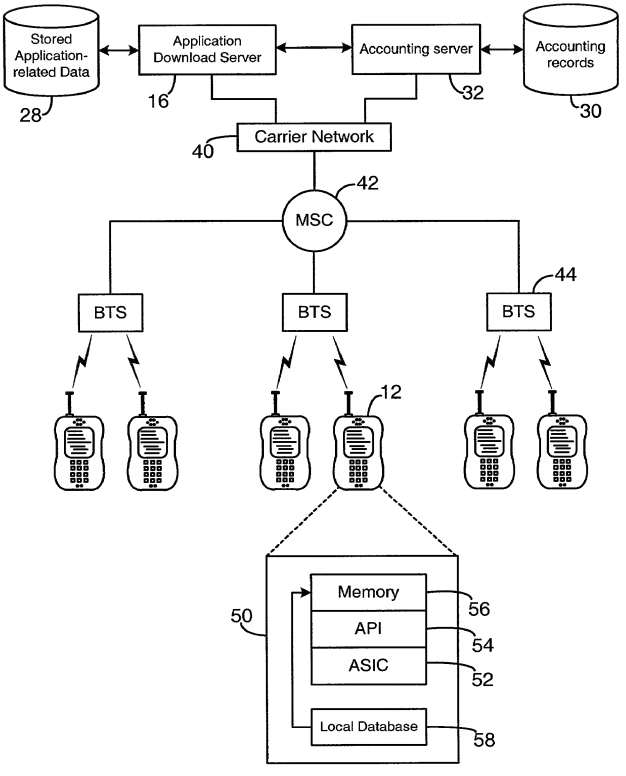
Stored Application-related Data
28
Application Download Server
16
Accounting server
32
Accounting records
30
Carrier Network
40
MSC
42
BTS
BTS
BTS
44
12
Memory
56
API
54
ASIC
52
Local Database
58
50

Fig. 2

Application	Client ID	Client Phone No.	Phone Model	Carrier	Region	Download Date	Deleted
Chess	9002x	(111) 111-1111	SonyTM 3250	ATTTM	CA	16Dec2000	0
Golf Score Keeper	9003x	(222) 222-2222	SamsungTM 9840	VerizonTM	CA	3May2000	0
Stock Monitor	9004x	(333) 333-3333	QwestTM 2001	QRSTU	NV	4Sep2000	1

62 64 66 68 70 72 74 76

60

Fig. 3

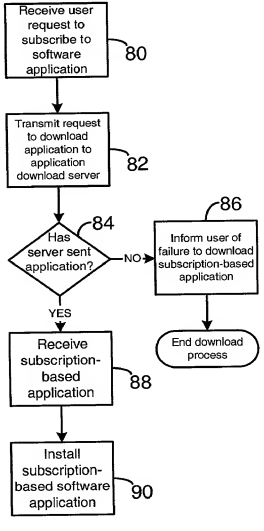

Fig. 4A

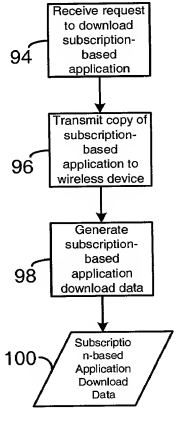

Fig. 4B

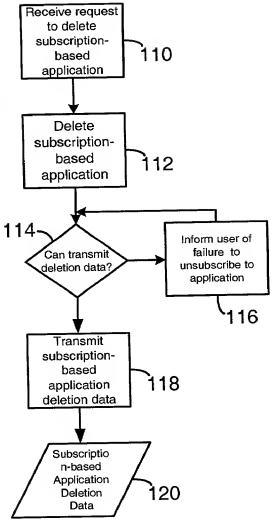
Receive request to delete subscription-based application
110
Delete subscription-based application
112
114
Can transmit deletion data?
Inform user of failure to unsubscribe to application
116
Transmit subscription-based application deletion data
118
Subscriptio n-based Application Deletion Data
120

Fig. 5

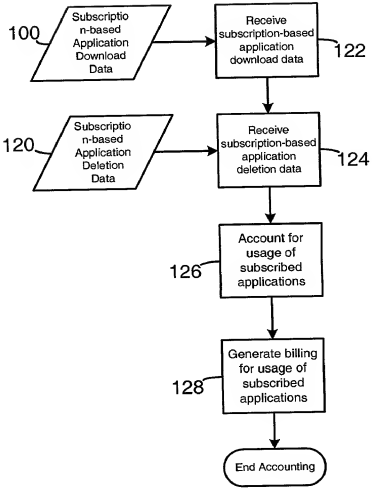
100
Subscriptio n-based Application Download Data
Receive subscription-based application download data
122
120
Subscriptio n-based Application Deletion Data
Receive subscription-based application deletion data
124
Account for usage of subscribed applications
126
Generate billing for usage of subscribed applications
128
End Accounting

Fig. 6